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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/631354
Filing Date	07/30/2003
First Named Inventor	Hirsch, David W.
Art Unit	
Examiner Name	
Attorney Docket Number	FR0001

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)			Class	Sub
JWM		US- 6,446,632 B1	09-10-2002	Focke	—	—
		US- 6,427,699 B1	08-06-2002	Schlisio et al.	—	—
		US- 6,302,113 B1	10-16-2001	Ozeray et al.	—	—
		US- 6,276,366 B1	08-21-2001	Fuchigami et al.	—	—
		US- 6,131,583	10-17-2000	Draghetti	—	—
		US- 5,746,225	05-05-1998	Okumoto et al.	—	—
		US- 5,695,070	12-09-1997	Draghetti	—	—
		US- 5,558,103	09-24-1996	Garthaffner et al.	—	—
		US- 5,365,949	11-22-1994	Nishizaka et al.	—	—
		US- 5,214,969	06-01-1993	Adkins et al.	—	—
		US- 4,962, 771	10-16-1990	Neri et al.	—	—
		US- 4,901,860	02-20-1990	Wahle et al.	—	—
		US- 4,825,994	05-02-1989	Gomann et al.	—	—
		US- 4,825,883	05-02-1989	Hinz et al.	—	—
		US- 4,484,591	11-27-1984	Wahle et al.	—	—
		US- 4,403,620	09-13-1983	Joseph et al.	—	—
		US- 4,403,619	09-13-1983	Dahlgrun	—	—
		US- 4,282,889	08-11-1981	Dahlgrun	—	—
		US- 4,112,954	09-12-1978	Preston et al.	—	—

FOREIGN PATENT DOCUMENTS

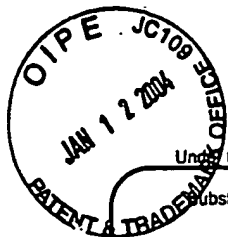
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<u>David W. Moyles</u>	Date Considered	<u>12-6-05</u>
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Sheet 2

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JNM		US- 3,874,391	04-01-1975	Dogl et al.	—	—
		US- 3,862,408	01-21-1975	Bolt	—	—
		US- 2,984,352	05-16-1961	Gilman	—	—
		US- 2,937,280	05-17-1960	Gilman	—	—
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Examiner
Signature

W. M. Mours

Date
Considered

12-6-05

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